

## A B S T R A C T

5 A swirling effect nozzle has substance feed channels opening out into a swirling chamber which communicates with an outlet orifice. The ratio  $A_p/A_o$  where  $A_p$  is the smallest total section offered by the channels to the passage of the substance and  $A_o$  is the section of the outlet orifice is less than or equal to 0.5.